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(54) Title: METHOD OF DETERMINING HOME AREA FOR SUBSCRIBER TERMINAL, AN ASSOCIATED RADIO SYSTEM AND A SUBSCRIBER NETWORK ELEMENT

(57) Abstract

The invention relates to a method of determining a home area for a subscriber terminal in a radio system where the subscriber terminal comprises measuring means for measuring the strengths of signals it has received from different base stations and for storing the measurement results in a memory, the method comprising a step of receiving a location updating message from the subscriber terminal. In order that the home area could be determined rapidly and efficiently, the method comprises steps of transmitting, after the location updating message has been received, a command to the subscriber terminal to transmit the measurement results it has stored in the memory, receiving the measurement results from the subscriber terminal, identifying the base stations with the greatest signal strengths on the basis of the measurement results, and determining the home area of the subscriber terminal such that it includes at least one of the identified base stations.

